

ABSTRACT OF THE DISCLOSURE

Compressor system comprising (a) a first compressor having a first stage and a
5 second stage wherein the first stage of the first compressor is adapted to compress a
first gas and the second stage of the first compressor is adapted to compress a
combination of a fourth gas and an intermediate compressed gas from the first stage of
the first compressor; and (b) a second compressor having a first stage and a second
10 stage wherein the first stage of the second compressor is adapted to compress a second
gas and the second stage of the second compressor is adapted to compress a
combination of a third gas and an intermediate compressed gas from the first stage of
the second compressor. The first gas is at a first pressure, the second gas is at a
second pressure higher than the first pressure, the third gas is at a third pressure higher
15 than the second pressure, and the fourth gas is at a fourth pressure higher than the third
pressure.

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